How to change engine oil and filter on **BMW X1 (E84)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
BMW X1 (E84) sDrive 18 i

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: BMW 3 Convertible (E46) 318Ci 2.0

REPLACEMENT: ENGINE OIL AND FILTER – BMW X1 (E84) CONVERTIBLE. TOOLS YOU MIGHT NEED:



- All-purpose cleaning spray
- Oil filter cup socket 86/16 F
- Drive socket # 17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Funnel
- Oil drain pan
- Microfibre towel
- Fender cover

Buy tools

AUTODOC recommends:

- Replace the oil filter every time when changing motor oil.
- Please note: all work on the car – BMW X1 (E84) convertible – should be done with the engine switched off.
- Wear gloves to prevent contact with hot liquid.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Unscrew the oil filler plug.

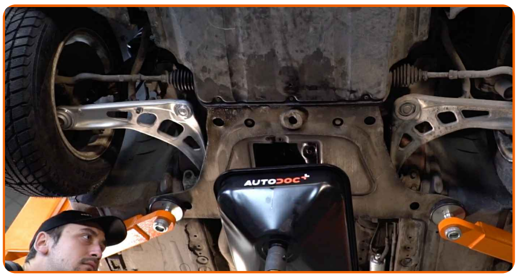


4 Lift the car using a jack or place it over an inspection pit.

Replacement: engine oil and filter – BMW X1 (E84) convertible. Tip:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

5 Put a waste oil container with at least 6 l capacity under the drainage hole.



6 Unscrew the drain plug. Use a drive socket #17. Use a ratchet wrench.



7 Drain the used oil.



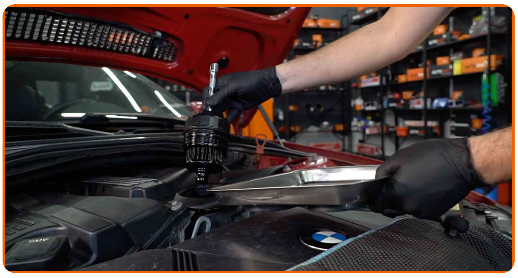
Replacement: engine oil and filter – BMW X1 (E84) convertible. Tip from AUTODOC:

- Caution! The oil may be hot.

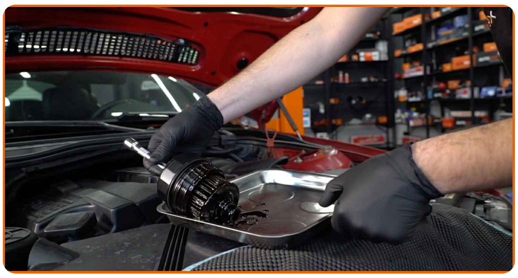
8 Unscrew the oil filter. Use the 86/16 F socket.



9 Remove the oil filter.



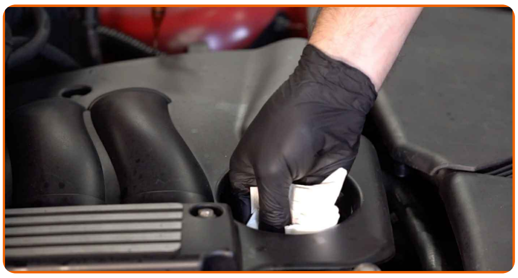
10 Prepare a container for the old oil filter. Put the old oil filter in the container.



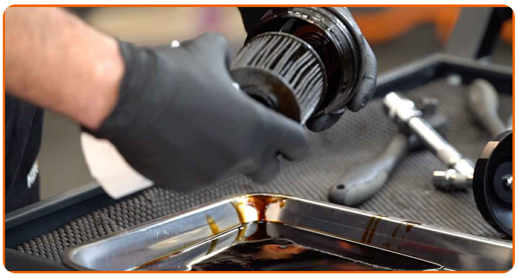
Replacement: engine oil and filter – BMW X1 (E84) convertible. AUTODOC experts recommend:

- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

11 Cover the oil filter housing with a microfibre towel to prevent dirt and foreign objects from getting into the system.



12 Detach the oil filter from the filter cover.



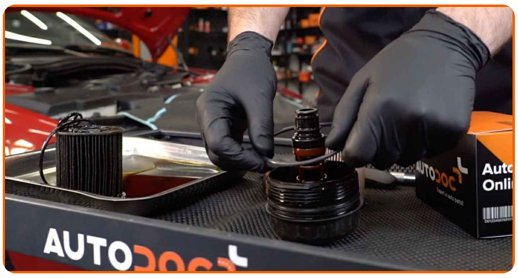
13 Remove old o-rings from the oil filter cover. Use a flat screwdriver.



14 Clean the oil filter housing cap. Use all-purpose cleaning spray.



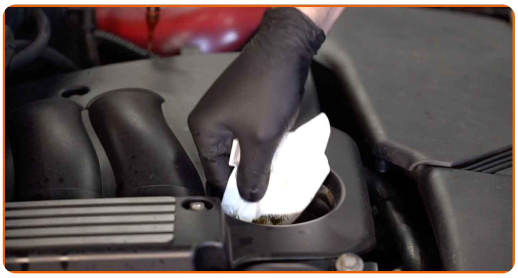
15 Install new O-rings and a new oil filter to their mounting seats on the filter cover.



Please note!

- Make sure to install the filter correctly. Don't mix up the sides of the part.

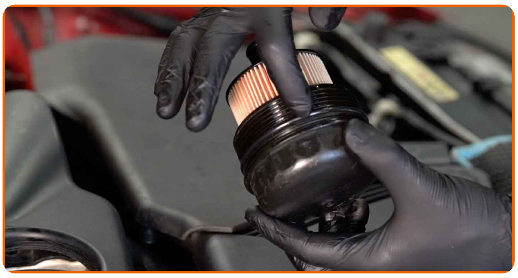
16 Remove the microfibre towel from the oil filter housing.



17 Clean the oil filter seat.



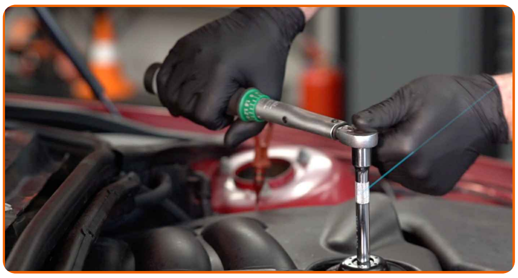
18 Lubricate the rubber seal of the new filter with a little amount of fresh oil.



19 Screw the new filter into its place.



20 Screw the cap. Use the 86/16 F socket. Use a torque wrench. Tighten it to 25 Nm torque.



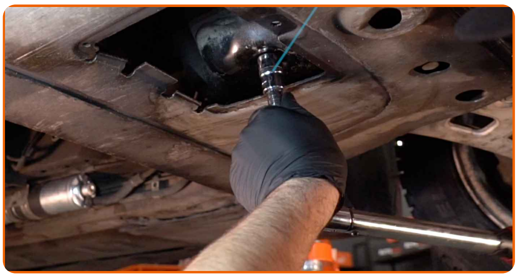
Replacement: engine oil and filter – BMW X1 (E84) convertible. Tip from AUTODOC experts:

- Wait until the oil has completely drained from the drainage hole.

21 Clean the area of the oil pan drainage hole.



22 Screw in the new drainage plug and tighten it. Use a drive socket #17. Use a torque wrench. Tighten it to 25 Nm torque.



23 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.

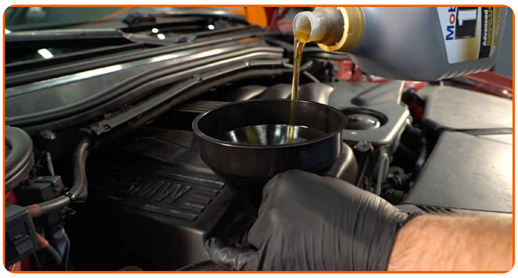


24 Lower the car.

25 Remove the oil filler cap. Insert the funnel.



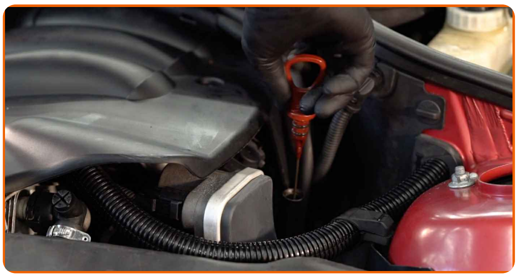
26 Pour new oil into the engine in the amount recommended by the car manufacturer.



Replacement: engine oil and filter – BMW X1 (E84) convertible. Professionals recommend:

- Use the oil recommended by the manufacturer.

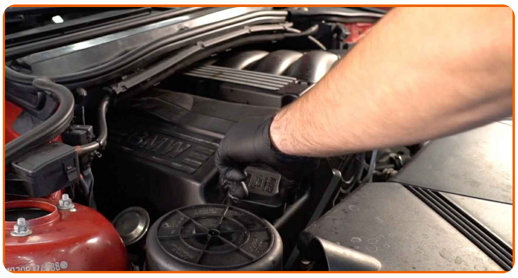
27 Check the oil level using the dipstick. Top up oil if necessary.



Please note!

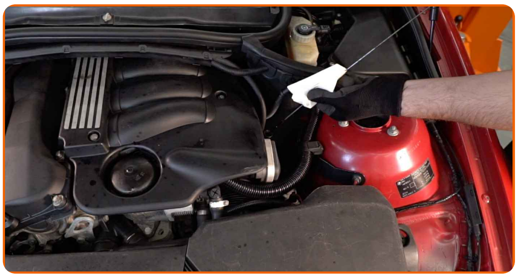
- The oil level should be between the Min and Max marks.

28 Tighten the oil filler cap.



29 Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.

30 Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



Please note!

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

31 Remove the fender protection cover.

32 Close the hood.

Replacement: engine oil and filter – BMW X1 (E84) convertible. AUTODOC recommends:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

WELL DONE!

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